Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 24 Feb 2022 until 23:59 on Friday 25 Feb 2022

Forecast Issued on Thursday 24 Feb 2022 at 02:10

Confidence: High for cold, showery conditions on Thursday then a much more settled, bright day on Friday. High for windy but mostly dry conditions over the weekend. Lower for detail of wind and rain on Monday.

Headline for Thursday 24 Feb 2022: Bright spells and snow showers. Strong winds and feeling bitterly cold.

Mountain weather hazards on Thursday 24 Feb 2022

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Heavy snow showers	Heavy snow showers	Heavy snow showers	Light snow showers	Heavy snow
Precipitation probability					
50%	40%	40%	40%	30%	70%

Forecast for Thursday 24 Feb 2022

Weather: Cloudy with snow above 300m and rain or sleet below at first. This clearing by mid-morning, leaving a very cold day with bright or sunny spells and occasional snow showers, the odd one could be heavy with a chance of thunder. The showers may merge to a longer spell of snow during the evening with blizzard conditions on the tops, but turning to rain or sleet again below 300m.

Chance of cloud-free hill tops above 600m: 30% at first, becoming 70% by mid-morning, then becoming 30% again in the evening. Views generally obscured as showers pass through.

Low cloud and visibility: Very good between showers with distant hills visible. Very poor at times in showers or longer spells of snow, with nearby landmarks obscured and cloud descending to 400-500m. Any lying snow will blow about in the winds on the higher summits. Poor or very poor for a longer spell in the evening with blizzards on the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 24 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/26 SW	22/28 SW	28/38 W	30/40 W	25/34 SW	29/39 SW	29/40 W
300	14/20 SW	20/27 SW	27/39 W	21/30 W	19/27 SW	23/33 SW	23/34 W
Valley	8/18 SW	13/24 W	17/34 W	18/35 W	11/26 W	15/33 SW	16/33 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-2/-10	-2/-10	-2/-10	-1/-9	-1/-10	-1/-9
300	2/-3	1/-6	0/-7	1/-6	2/-4	1/-6	2/-5
Valley	3/-0	1/-4	2/-4	1/-5	2/-3	2/-4	2/-3
Freezing Level*	500m	300m	200m	200m	300m	300m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 45 to 55mph on the tops, mainly in and around showers, will give difficult walking conditions at times with a severe wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 24 Feb 2022	7mm	12.6mm	21.4mm

Forecast for Friday 25 Feb 2022

Weather: Wintry showers dying out during the morning. Becoming a dry and bright day with plenty of sunshine. Some high cloud will spill across from the west in the evening. Fresh snow cover in the hills will give strong glare from the sunshine.

Maximum wind: NW 30mph gusts 45mph overnight, easing by mid-morning. Becoming Westerly or Southwesterly 10-15mph during daytime.

Chance of cloud-free hill tops above 600m: 60% until mid-morning, becoming 95%.

Low cloud and visibility: Excellent air clarity with clear and expansive views to be enjoyed. Poor or very poor in any snow showers in the morning, with cloud bases down to 400-500m.

Temperature: **Valleys:** Zero Celsius rising to Plus 5 or 6 Celsius.
At 600m: Minus 1 Celsius becoming Plus 1 Celsius.
Freezing level: 500m rising to 700m.

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